

**STATEMENT OF WORK**  
**Windbreak/Shelterbelt Establishment (380)**  
**Pennsylvania**

The following deliverables are required for the complete implementation and documentation of this conservation practice. Section 4 of the Pennsylvania Technical Guide (PA eFOTG) should also be reviewed for additional practice-specific requirements and Design and Check Data Requirements where those have been developed. For other planned practice deliverables refer to those specific Statements of Work.

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**DESIGN****Deliverables:**

1. Design documents that demonstrate criteria in NRCS practice standard have been met and are compatible with planned and applied practices.
  - a. Practice purpose(s) as identified in the conservation plan
  - b. List of required permits to be obtained by the client
  - c. Practice standard criteria-related computations and analyses to develop plans and specifications including but not limited to:
    - i. Determination of adapted species of trees and shrubs, extent and position in row(s), and desired density for intended purpose(s)
    - ii. Orientation of windbreaks/shelterbelts and, as applicable, spacing between windbreaks, to achieve intended purpose(s)
    - iii. Protective measures for plants to provide desired function including use exclusion
    - iv. Additional provisions, as required, wind erosion control, snow management, shelter of structures and livestock, noise abatement, improvement of air quality, increasing carbon storage in plants and soil, providing wildlife habitat and travel corridors, and improving irrigation efficiency
2. Written plans and specifications including sketches and drawings shall be provided to the client that adequately describes the requirements to install the practice and obtain necessary permits.
3. Documentation of needed operation and maintenance.
4. Certification that the design meets practice standard criteria and comply with applicable laws and regulations.
5. Design modifications during installation as required.

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**INSTALLATION****Deliverables**

1. Pre-application conference with client.
2. Verification that client has obtained required permits.
3. Staking and layout according to plans and specifications including applicable layout notes.
4. Application guidance as needed.
5. Facilitate and implement required design modifications with client and original designer.
6. Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation.
7. Certification that the application process and materials meet design and permit requirements.

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**CHECK OUT****Deliverables**

1. Records of application.
  - a. Extent of practice units applied
  - b. Actual plant materials used and applied
2. Certification that the application meets NRCS standards and specifications and is in compliance with permits.
3. Progress reporting.

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**REFERENCES**

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- NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Windbreak/Shelterbelt Establishment, 380
- NRCS National Forestry Handbook (NFH), Part 636.4
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook